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Electrolux

user manual

Washer-dryer

EWX 14450 W

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Subject to change without notice

⚠ SAFETY INFORMATION

Important! Read carefully & keep for future reference.

- The safety of Your appliance complies with the industry standards and with legal requirements on the safety of appliances. However, as manufacturers, we feel it is our duty to provide the following safety notes.
- It is most important that this instruction book should be retained with the appliance for future reference. Should the appliance be sold or transferred to another owner, or should you move house and leave the appliance, always ensure that the book is supplied with the appliance in order that the new owner can get to know the functioning of the appliance and the relevant warnings.
- You MUST read them carefully before installing or using the appliance.
- Before first starting up, check the appliance for any damage incurred during transport. Never connect up a damaged appliance . If parts are damaged, contact your supplier.
- If the appliance is delivered in the winter months when there are minus temperatures. Store it at room temperature for 24 hours before using for the first time.

General safety

- It is dangerous to alter the specifications or attempt to modify this product in any way.
- During high temperature wash programmes the door glass may get hot. Do not touch it!
- Make sure that small pets and children do not climb into the drum. To avoid this, please check into the drum before using.
- Any objects such as coins, safety pins, nails, screws, stones or any other hard, sharp material can cause extensive damage and must not be placed into the machine.
- Only use the advised quantities of fabric softener and detergent. Damage to the fabric can ensue if you over-fill. Refer to the manufacturer's recommendations of quantities.
- Wash small items such as socks, laces, washable belts etc in a washing bag or pillow case as it is possible for such items to slip down between the tub and the inner drum.
- Do not use your washing machine to wash articles with whalebones, material without hems or torn material.
- Always unplug the appliance and turn off the water supply after use, cleaning and maintenance.
- Under no circumstances should you attempt to repair the machine yourself. Repairs carried out by inexperienced people may cause injury or serious malfunctioning. Contact your local Service Centre. Always insist on genuine spare parts.

Installation

- This appliance is heavy. Care should be taken when moving it.

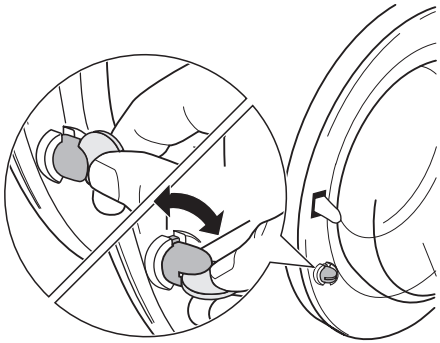
- When unpacking the appliance, check that it is not damaged. If in doubt, do not use it and contact the Service Centre.
- All packing and transit bolts must be removed before use. Serious damage can occur to the product and to property if this is not adhered to. See relevant section in the user manual.
- After having installed the appliance, check that it is not standing on the inlet and drain hose and the worktop is not pressing the electrical supply cable against the wall.
- If the machine is situated on a carpeted floor, please adjust the feet in order to allow air to circulate freely under the appliance.
- Always be sure, that there is no water leakage from hoses and their connections after the installation.
- If the appliance is installed in a location subject to frost, please read the “dangers of freezing” chapter.
- Any plumbing work required to install this appliance should be carried out by a qualified plumber or competent person.
- Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

Use

- This appliance is designed for domestic use. It must not be used for purposes other than those for which it was designed.
- Only wash and dry fabrics which are designed to be machine washed or dried. Follow the instructions on each garment label
- Do not overload the appliance. See the Washing Programme Table.
- Before washing, ensure that all pockets are empty and buttons and zips are fastened. Avoid washing frayed or torn articles and treat stains such as paint, ink, rust, and grass before washing. Underwired bras must NOT be machine washed.
- Garments which have been in contact with volatile petroleum products should not be machine washed. If volatile cleaning fluids are used, care should be taken to ensure that the fluid is removed from the garment before placing in the machine.
- As some duvets and eiderdowns should be washed/dried in large commercial machines because of their bulk, please check with the manufacturer of the item before washing in a domestic machine.
- The users should always check that they have not left their gas lighters (disposable or otherwise) in their clothing.
- Never tumble dry items that have had contact with chemicals such as dry cleaning fluid. These are of a volatile nature and could cause an explosion. Only tumble dry items which have been washed in water or require airing.
- Plastic detergent dispensers should not remain in the drum during the drying cycle, as the plastic used is not designed to withstand the heat. If you wish to wash-through-to-dry you should use the conventional detergent dispenser drawer.
- Never pull the power supply cable to remove the plug from the socket; always take hold of the plug itself.
- Never use your new appliance if the power supply cable, the control panel, the working surface or the base are damaged so that the inside of the appliance is accessible.

Child safety

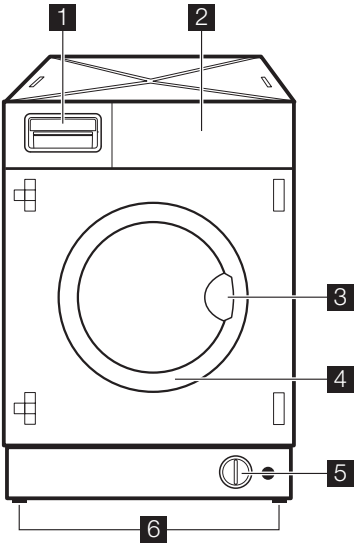
- This appliance is not intended for use by person (including children) with reduced physical sensory or mental capabilities or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- The packaging components (e.g. plastic film, polystyrene) can be dangerous to children - danger of suffocation! Keep them out of children’s reach.
- Keep all detergents in a safe place out of children’s reach.
- Make sure that children or pets do not climb into the drum. To prevent children and pets becoming trapped inside the drum the machine incorporates a special feature. To activate this device, rotate the button (without pressing it) inside the door clockwise until the groove is horizontal. If necessary use a coin.



To disable this device and restore the possibility of closing the door, rotate the button counterclockwise until the groove is vertical.

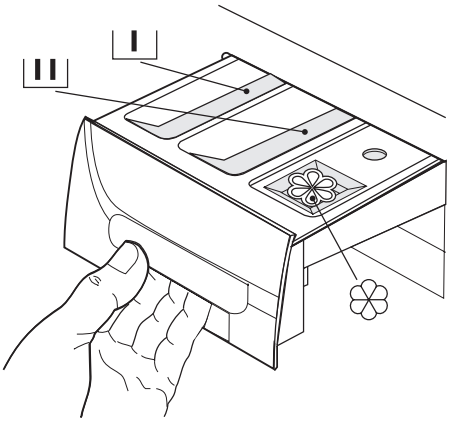
PRODUCT DESCRIPTION

Your new appliance meets all modern requirements for effective treatment of laundry with low water, energy and detergent consumption. Its new washing system allows total use of detergent and reduces water consumption so saving energy.



1 Detergent dispenser drawer
2 Control panel
3 Door opening handle
4 Rating Plate
5 Drain pump
6 Adjustable feet

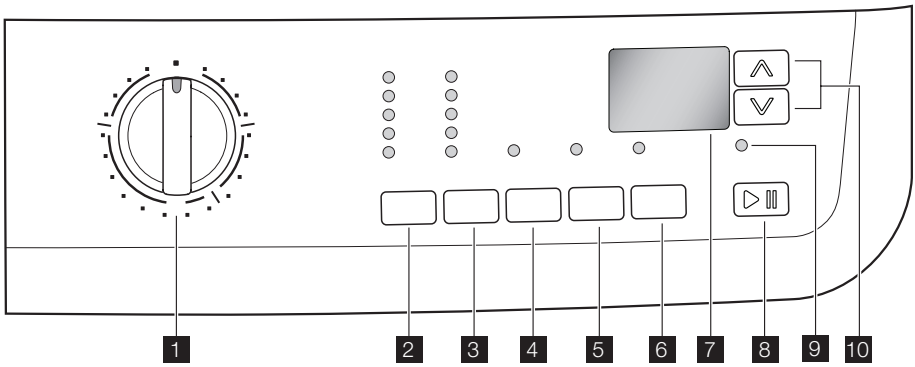
Detergent dispenser drawer



I Compartment for detergent used for prewash and soak phase or for stain remover used during the stain action phase (if available). The prewash and soak detergent is added at the beginning of the wash programme. The stain remover is added during the stain action phase.
II Compartment for powder or liquid detergent used for main wash. If using liquid detergent pour it **just before** starting the programme.
Compartment for liquid additives (fabric softener, starch).
Follow the product manufacturer's recommendations on quantities to use and do not exceed the **«MAX»** mark in the detergent dispenser drawer. Any fabric softener or starching additives must be poured into the compartment before starting the wash programme.

CONTROL PANEL

Below is a picture of the control panel. It shows the programme selector dial as well as the buttons, pilot light and the display. These are presented by relevant numbers on the following pages.



1 **Programme selector dial**
2 **TEMPERATURE button (Temp.)**
3 **SPIN reduction button**
- **= No Spin**
- **= Rinse Hold**

4 **EXTRA RINSE button**
5 **DRYING TIME button**
6 **DELAY START button**
7 **Display**
8 **START/PAUSE button**
9 **Door locked pilot light**
10 **TIME MANAGER buttons**

Programme Selector Dial

It allows you to switch the appliance on/off and/or to select a programme.

Temperature

This button allows you to increase or decrease the washing temperature.

Spin Reduction

By pressing this button you can change the spin speed of the selected programme.

Rinse hold

By selecting this function the water of the last rinse is not emptied out to prevent the fabrics from creasing. Before opening the door it will be necessary to empty out the water. To empty out the water, please read the paragraph «At the end of the programme».

No spin

By selecting this option, all spinning phases are suppressed and replaced by a drain, so as not to wrinkle the laundry. Recommended for extremely delicate fabrics. On some programmes the rinses will be performed with more water.

Extra Rinse

This appliance is designed to save energy. If it necessary to rinse the laundry using an extra quantity of water (extra rinse), select this option. Some additional rinses will be performed. This option is recommended for people who are allergic to detergents, and in areas where the water is very soft.

Drying Time

If you wish to carry out a timed drying programme, press this button until the drying time you want appears on the display according to the fabrics (cottons or synthetics) you have to dry. For Cottons you can select a drying time from 10 minutes to 250 minutes (4.10). For Synthetics you can select a drying time from 10 minutes to 130 minutes (2.10). Every time you press this button the drying time increases by 5 mins.

Delay Start

The programme can be delayed from 30 min - 60 min - 90 min, 2 hours and then by 1 hour up to a maximum of 20 hours by means of this button.

Start Pause

This button allows you to start or to interrupt the selected programme.

Time Manager

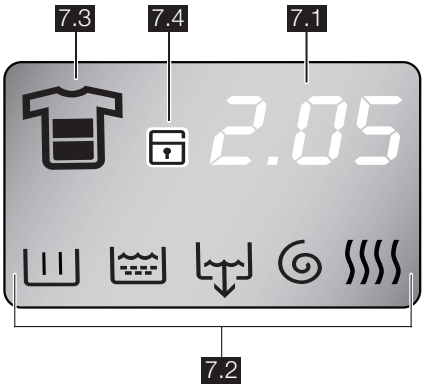
These buttons allows you to modify the programme duration automatically proposed by the appliance.

Door locked pilot light

The pilot light **9** illuminates when the programme starts and indicates if the door can be opened:

- light on: the door cannot be opened. The machine in working or has stopped with water left in the tub.
- light off: the door can be opened. The programme is finished or the water has been emptied out.
- light flashing: the door is opening

Display



The display shows the following information:

7.1:

- **Duration of the selected programme**
  After selecting a programme, the duration is displayed in hours and minutes (for example **2.05**). The duration is calculated automatically on the basis of the maximum recommended load for each type of fabric. After the programme has started, the time remaining is updated every minute.
- **Selected drying time**
  After selecting a drying programme, the drying time is displayed in minutes or in hours and minutes (e.g. 130 mins = **2.10**). After the programme has started the time remaining is updated every minute..
- **Delayed start**
  The Selected delay set by pressing the relevant button appears on the display for few seconds, then the duration of the selected programme is displayed again.
- **Alarm codes**
  In the event of operating problems, some alarm codes can be displayed, for example **E20** (see paragraph «What to do if...»).
- **Incorrect option selection**
  If an option which is not compatible with the set wash programme is selected, the message **Err** is displayed at the bottom of the display for a few seconds and the integrated red light of button **8** start flashing.
- **End of programme**
  When the programme has finished three flashing zeros are displayed, the pilot light **9** and the pilot light of button **8** go out and the door can be opened.

7.2: Washing programme phase icons

- Wash
- Rinses
- Drain
- Spin
- Dry

By selecting the wash programme, the washing programme phase icons corresponding to the various phases making up the programme are shown in the bottom part of the display. After having pressed button **8** only the icon of the running phase stays on.

7.3: Soil degree icons

- Intensive
- Normal/Daily
- Light/Quick
- Super Quick

When selecting a programme on the display appears an icon indicating the degree of soiling automatically proposed by the machine.

7.4: Child safety lock (see «Personalisation» paragraph).

WASHING PROGRAMMES

Programme **Maximum and Minimum Temperature** **Cycle Description** **Maximum Spin Speed** **Maximum Fabrics Load** **Type of Laundry**	**Options**	**Detergent Compartment**
- **COTTONS NORMAL** 90°-Cold Main wash - Rinses Maximum spin speed 1400 rpm Max. load 6 kg - Reduced load 3 kg [1] **For white and coloured cotton** (normally soiled items).	SPIN RINSE HOLD NO SPIN EXTRA RINSE TIME MANAGER	II ❁
- **COTTONS WITH PREWASH** 90°-Cold Prewash - Main wash - Rinses Maximum spin speed 1400 rpm Max. load 6 kg - Reduced load 3 kg [1] **For white or coloured cottons** with prewash phase (heavily soiled items).	SPIN RINSE HOLD NO SPIN EXTRA RINSE TIME MANAGER	I [2] II ❁
- **SYNTHETICS** 60°-Cold Main wash - Rinses Maximum spin speed 900 rpm Max. load 3 kg - Reduced load 1,5 kg [1] **Synthetic or mixed fabrics:** underwear, coloured garments, non-shrink shirts, blouses.	SPIN RINSE HOLD NO SPIN EXTRA RINSE TIME MANAGER	II ❁
- **DELICATES** 40°-Cold Main wash - Rinses Maximum spin speed 700 rpm Max. load kg 3 - Reduced load kg 1,5 [1] **Delicate fabrics:** acrylics, viscose, polyester.	RINSE HOLD NO SPIN EXTRA RINSE TIME MANAGER	II ❁
- **SYNTHETICS EASY IRON** 60°-Cold Main wash - Rinses Maximum spin speed 900 rpm Max. load 1 kg This programme can be selected for synthetic items and mixed fabric to be ironed. The laundry is gently washed and spun to avoid any creasing. In this way ironing is easier. Furthermore the machine will perform additional rinses.	SPIN RINSE HOLD NO SPIN EXTRA RINSE	II ❁
- **SPIN** Drain and long spin Maximum spin speed 1400 rpm Max. load 6 kg Separate spin for hand washed garments and after programmes with the Rinse Hold and Night Cycle option selected. You can choose the spin speed by pressing the relevant button to adapt it to the fabrics to be spun.	SPIN	

Programme **Maximum and Minimum Temperature** **Cycle Description** **Maximum Spin Speed** **Maximum Fabrics Load** **Type of Laundry**	**Options**	**Detergent Compartment**
- **DRAIN** Draining of water Max. load 6 kg For emptying out the water of the last rinse in programmes with the Rinse Hold option selected.		
- **RINSES** Rinses Maximum spin speed 1400 rpm Max. load 6 kg With this programme it is possible to rinse and spin cotton garments which have been washed by hand. The machine performs 3 rinses, followed by a final long spin. The spin speed can be reduced by pressing the relevant button.	SPIN RINSE HOLD NO SPIN EXTRA RINSE	
- SILK 30° Main wash - Rinses Maximum spin speed 700 rpm Max. load 1 kg Delicate washing programme suitable for silk and mixed synthetic items.	RINSE HOLD NO SPIN	
- HANDWASH 40°-Cold Main wash - Rinses Maximum spin speed 900 rpm Max. load 2 kg Special programme for delicate fabrics with «hand washing» care symbol.	SPIN RINSE HOLD NO SPIN	
- WOOL 40°-Cold Main wash - Rinses Maximum spin speed 900 rpm Max. load 2 kg Washing programme for machine washable wool as well as for hand washable woollens and delicate fabrics. **Note** : A single or bulky item may cause imbalance. If the appliance doesn't perform the final spin phase, add more items, redistribute the load manually and then select the spinning programme.	SPIN RINSE HOLD NO SPIN	

Programme **Maximum and Minimum Temperature** **Cycle Description** **Maximum Spin Speed** **Maximum Fabrics Load** **Type of Laundry**	**Options**	**Detergent Compartment**
- **ECOCOTTONS ECONOMY** 90°-40° Main wash - Rinses Maximum spin speed 1400 rpm Max. load 6 kg **White and fast coloured cotton.** This programme can be selected for slightly or normally soiled cotton items. The temperature will decrease and the washing time will be extended. This allows to obtain a good washing efficiency so saving energy.	SPIN RINSE HOLD NO SPIN EXTRA RINSE	II
O = OFF For cancelling the programme which is running or to switch the machine off .		

*1) If you select the Quick option by pressing button **10**, we recommend that you reduce the maximum load as indicated. (Red. load = reduced load). Full loading is possible however with somewhat reduced cleaning results.*
2) If using liquid detergents, a programme without PREWASH must be selected.

DRYING PROGRAMMES

Degree of Drying	Type of Fabric	Max Load	Spin Speed	Suggested drying time in Mins
EXTRA DRY Ideal for towelling materials	**Cotton and linen** (bathrobes, bath towels, etc)	4 kg 3 kg 2 kg	**1400**	200-220 125-135 75-85
STORE DRY[1)] Suitable for items to put away without ironing	**Cotton and linen** (bathrobes, bath towels, etc)	4 kg 3 kg 2 kg	**1400**	190-210 115-125 65-75
STORE DRY Suitable for items to put away without ironing	**Synthetics and mixed fabrics** (jumpers, blouses, underwear, household linen)	2 kg 1 kg	**900**	115-125 40-50
IRON DRY Suitable for ironing	**Cotton and linen** (sheets, tablecloths, shirts, etc.)	4 kg 3 kg 2 kg	**1400**	160-180 95-105 55-65

1) In compliance with EC directive EN 50229 the COTTON reference programme for the data entered in the Energy Label must be tested dividing the maximum washing load by two equal parts and drying with DRYING TIME each of them.

FIRST USE

- Ensure that the electrical and water connections comply with the installation instructions.
- Remove the polystyrene block and any material from the drum.
- Pour 2 litres of water into the main wash compartment II of the detergent drawer in order to activate the **ECO** valve. Then run a cotton cycle at the highest temperature without any laundry in the machine, to re-

move any manufacturing residue from the drum and tub. Pour 1/2 a measure of detergent into the main wash compartment and start the machine.

PERSONALISATION

Acoustic signals

The machine is provided with an acoustic device, which sounds in the following cases:

- at the end of the cycle
- if there is a fault.

By pressing the **4** and **5** buttons simultaneously for about **6 seconds**, the acoustic signal is deactivated (except if there is a fault). By pressing these 2 buttons again, the acoustic signal is reactivated.

Child safety lock

This device permits you to leave the appliance unattended and not to worry that children might be injured by or cause damage to the appliance. This function remains enabled also when the washing machine is not working.

There are two different ways to set this option:

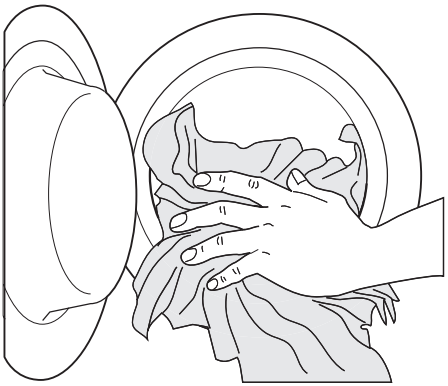
1. Before pressing button **8**: it will be impossible to start the machine.
2. After pressing button **8**: it will be impossible to change any other programme or option.

To enable or disable this option press simultaneously for about 6 seconds buttons **5** and **6** until on the display, the icon appears or disappears.

DAILY USE

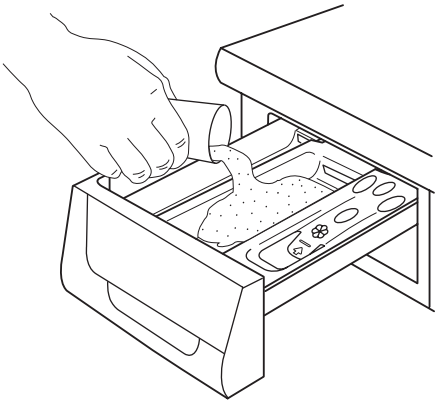
Load the laundry

Open the door by carefully pulling the door handle outwards. Place the laundry in the drum, one item at a time, shaking them out as much as possible. Close the door.

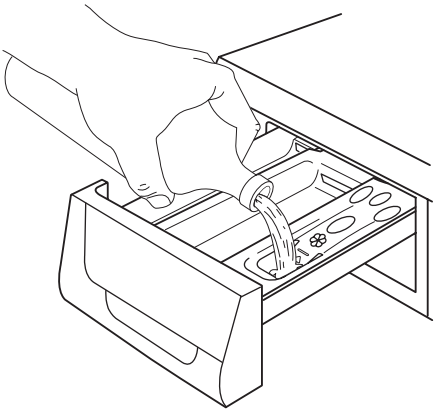


Measure out the detergent and the fabric softener

Pull out the dispenser drawer until it stops. Measure out the amount of detergent required, pour it into the main wash compartment or in the appropriate compartment if the selected programme/option it requires (see more details in «Detergent dispenser drawer»).



If required, pour fabric softener into the compartment marked (the amount used must not exceed the «MAX» mark in the drawer). Close the drawer gently.



Select the required programme by turning the programme selector dial (1)

Turn the programme selector dial to the required programme. The washing machine will propose a temperature and automatically select the maximum spin value provided for the programme you have chosen. You can change these values by operating the corresponding buttons. The **green** pilot light of the button **8** starts to flash.
The selector dial can be turned either clockwise or counterclockwise. Turn to position ◯ to reset programme/Switching the machine off.

At the end of the programme the selector dial must be turned to position ◯ , to switch the machine off.

⚠ **Caution!** If you turn the programme selector dial to another programme when the machine is working, the **red** pilot light of button **8** will blink 3 times and the message **Err** is displayed to indicate a wrong selection. The machine will not perform the new selected programme.

Select the temperature by pressing button 2

By selecting a programme, the appliance proposes automatically a default temperature.
Press this button repeatedly to increase or decrease the temperature, if you want your laundry to be washed at a different temperature.

Reduce the spin speed by pressing button 3

By selecting a programme, the appliance proposes automatically the maximum spin speed provided for that programme.
Press button **3** repeatedly to change the spin speed, if you want your laundry to be spun at a different speed. The relevant light illuminates.

Select the available option by pressing buttons 3, 4 and 5

Depending on the selected programme, different functions can be combined before pressing the button **8**. By selecting an option the relevant pilot light illuminates.
If an incorrect option is selected, the integrated **red** pilot light of the button **8** flashes 3 times and the **Err** message appears on the display for few seconds.

ⓘ For compatibility among the washing programmes and the options see chapter «Washing Programmes».

Select the Delay Start by pressing button 6

Before you start the programme, if you wish to delay the start, press the button **6** repeatedly, to select the desired delay. The relevant pilot light goes on.
The selected delay time value (up to 20 hours) will appear on the display a few seconds, then the duration of the programme will appear again.
You must select this option after you have set the programme and before you press button **8**.
You can cancel or modify the delay time at any moment, before you press button **8**.
Selecting the delayed start:

1. Select the programme and the required options.
2. Select the delay start by pressing the button **6**.
3. Press button **8**:
   – the machine starts its hourly countdown.
   – The programme will start after the selected delay has expired.

Cancelling the delayed start after having pressed button **8**:

1. Set the washing machine to PAUSE by pressing button **8**.

2. Press button **6** once until the symbol **0'** is displayed
3. Press button **8** again to start the programme.

Important! The selected delay can be changed only after selecting the washing programme again.
The Delay Start **can not** be selected with **DRAIN** programme.

Start the programme by pressing button 8

To start the selected programme, press the button **8**, the green pilot light of the button **8** stops blinking.
To interrupt a programme which is running, press the button **8**: the green pilot light starts blinking.
To restart the programme from the point at which it was interrupted, press the button **8 again**. If you have chosen a delayed start, the machine will begin the countdown. If an incorrect option is selected, the **red** pilot light of the button **8** blinks for 3 times the message **Err** is displayed for a few seconds.

Select the Time Manager option by pressing buttons 10

By pressing these buttons repeatedly, the duration of the washing cycle can be increased or decreased. The soil level icon will appear on the display to indicate the chosen degree of soil. This option is available only with **Cotton**, **Synthetic** and **Delicate** programmes.

Soil Level	Icon	Type of fabric
Intensive		For heavy soiled items
Normal		For normal soiled items
Daily		For daily soiled items
Light		For slightly soiled items
Quick		For very slightly soiled items
Super Quick [1]		For items used or worn for a short time

1) We recommend you to reduce the load sizes (see Washing programmes table).

Important! The Time Manager cannot be selected with the **Economy** programmes. The availability of these soil level icons change according to the type of fabric as shown in the following chart.

Fabric	Soil Level					
Cottons						
95°/90°C	X	X	X	X	X	X
60°C/50°C	X	X	X	X	X	X
40°C	X	X	X	X	X	X
30°C	X	X	X	X	X	X
Cold	X	X	X	X	X	X
Synthetics						
60°C/50°C		X	X	X		X
40°C		X	X	X		X
30°C		X	X	X		X
Cold		X	X	X		X
Delicates						
40°C		X	X	X		X
30°C		X	X	X		X
Cold		X	X	X		X

Altering an option or a running programme

It is possible to change some options before the programme carries them out .
Before you make any change, you must PAUSE the appliance by pressing the button **8** (if you wish to change the Time Manager option, you must cancel the running programme and make your selection again).
Changing a running programme is possible only by resetting it. Turn the programme selector dial to ◯ and then to the new programme position. Start the new programme by pressing the button **8** again. The washing water in the tub will be not emptied out.

Interrupting a programme

Press the button **8** to interrupt a programme which is running, the corresponding green pilot light starts blinking.
Press the button again to **restart** the programme.

Cancelling a programme

Turn the selector dial to ◯ to cancel a programme which is running.
You can select now a new programme.

Opening the door

After the programme has started (or during the delay time) the door is locked, if you need to open it, set first the machine to PAUSE by pressing the button **8**.
After a few minutes the pilot light **9** goes out and it is possible to open the door.
If this pilot light remains lit, this means that the machine is already heating or that the water level is too high. In any case, do not try to force the door!
If you cannot open the door but you need to open it you have to switch the machine off by turning the selector dial to **O**. After a few minutes the door can be opened **(pay attention to the water level and temperature!)**.
After closing the door, it is necessary to select the programme and options again and to press button **8**.

At the end of the programme

The machine stops automatically. Three blinking zeros (0.00) appear on the display and the pilot light of button **8** goes off.
If a programme or an option that ends with water left in the tub has been selected, the door remains locked to indicate that the water must be emptied out before opening the door.
Follow the below instructions to empty out the water:

1. Turn the programme selector dial to ◯ .
2. Select the draining or spinning programme.
3. Reduce the spin speed if needed, by pressing the relevant button.
4. Press button **8**.

At the end of the programme, the door is released and can be opened. Turn the programme selector dial to ◯ to switch the machine off.
Remove the laundry from the drum and carefully check that the drum is empty. If you do not intend to carry out another wash, close the water tap. Leave the door open to prevent the formation of mildew and unpleasant smells.

Stand by : once the programme has finished after a few minutes the energy saving system will be enabled. The brightness of the display is reduced. By pressing any button the appliance will come out of the energy saving status.

USE - DRYING

Drying only

⚠ **Warning!**

The recommended load size is 3 kg for cottons and line and 2 kg for synthetic items.

ⓘ It is also possible to dry up to 4 kg of cotton items (see the «Drying Programme » table).

⚠ **Warning!**

The water tap must be open and the drain hose must be positioned in the sink or connected to the drain pipe.

1. Load the laundry.
2. Select a spin cycle at the maximum spin speed allowed for the type of laundry in order to obtain the best drying performances.
3. Select the drying programme for Cottons or Synthetic in the Drying sector of the programme selector dial.
4. Set the **timed drying**: press the button **5** until the time you want appears on the display (see the «Drying Programme» table). Every time you press this button the drying time increases by 5 minutes.
   Note!
   The programme time will automatically increase by some minutes.

5. Press button **8** to start the programme. The time remaining is updated every minute.
6. At the end of the programme, the buzzer sounds. Three blinking «**0.00**» zeros appear on the display.
   During the last 10 minutes of the drying cycle the appliance performs an anti-crease phase. Through this time the door is locked. The door locked light is on. The display shows three flashing zeros «**0.00**».

If you wish to open the door before or during the anti-crease phase or to interrupt it, press any button or turn the programme selector dial to any programme position (except **O**).

7. Turn the selector dial to the **O** position to switch the machine off.
8. Remove the laundry from the drum.

Note!

The different type of cottons (towelling, sheets, shirts, and so on) or any laundry items rolling up during the spinning phase may result in partial dryness. In the exceptional case that at the end of the cycle the laundry remains slightly wet, we suggest that you unfold the rolled up items, redistribute them evenly in the drum and select an additional drying cycle of 20-30 minutes.

USE - WASHING & DRYING

NON-STOP programme - Washing and Timed Drying

The recommended load size is 3 kg for cotton and 2 kg for synthetic.

It is also possible to dry up to 4 kg of cotton items (see the «Drying Programme » table).

Caution! Do not use a dosing device/ball when carrying out a washing and drying programme.

1. Load the laundry and add detergent and fabric softener.
2. Switch the machine on by turning the selector dial to the set washing programme/fabric.
3. Select the required options by pressing the relevant buttons.
   If possible, do not select a spin speed lower than that proposed by the appliance to avoid too long a drying time therefore saving energy.
   In any case the reduction of the spin speed is only possible after selecting drying.
   The lowest values you can select are 900 r.p.m. for cottons and synthetics and 700 r.p.m. for delicate fabrics.
4. Set the drying time by pressing button **5**. The display shows the whole duration of the washing and the set drying cycle.
5. Start the programme by pressing button **8**. The time remaining is updated every minute on the display.
6. At the end of the programme turn the selector dial to the **O** position to switch the machine off and remove the laundry.

HELPFUL HINTS AND TIPS

Sorting out the laundry

Follow the wash code symbols on each garment label and the manufacturer's washing instructions. Sort the laundry as follows: whites, coloureds, synthetics, delicates, woollens.

Temperatures

95° or 90°	for normally soiled white cottons and linen (e.g. tea cloths, towels, tablecloths, sheets...)
60°/50°	for normally soiled, colour fast garments (e.g. shirts, night dresses, pyjamas....) in linen, cotton or synthetic fibres and for lightly soiled white cotton (e.g. underwear)
40°-30°-Cold	for delicate items (e.g. net curtains), mixed laundry including synthetic fibres and woollens bearing the label «pure new wool, machine washable, non-shrink»

Before loading the laundry

Never wash whites and coloureds together. Whites may lose their «whiteness» in the wash.
New coloured items may run in the first wash; they should therefore be washed separately the first time.
Make sure that no metal objects are left in the laundry (e.g. hair clips, safety pins, pins).
Button up pillowcases, close zip fasteners, hooks and poppers. Tie any belts or long tapes.
Remove persistent stains before washing. Rub particularly soiled areas with a special detergent or detergent paste.
Treat curtains with special care. Remove hooks or tie them up in a bag or net.

Maximum loads

Recommended loads are indicated in the washing programme charts.
General rules:

- **Cotton, linen:** drum full but not too tightly packed;
- **Synthetics:** drum no more than half full;
- **Delicate fabrics** and **woollens:** drum no more than one third full.

Washing a maximum load makes the most efficient use of water and energy.
For heavily soiled laundry, reduce the load size.

Laundry weights

The following weights are indicative:

The following weights are indicative:	
bathrobe	1200 g
quilt cover	700 g
man's work shirt	600 g
sheet, man's pyjamas	500 g
tablecloth	250 g
pillow case, towelling towel, night dress, man's shirt	200 g
tea cloth, ladies' briefs, napkin, blouse, men's underpants	100 g

Removing stains

Stubborn stains may not be removed by just water and detergent. It is therefore advisable to treat them prior to washing.
Blood: treat fresh stains with cold water. For dried stains, soak overnight in water with a special detergent then rub in the soap and water.
Oil based paint: moisten with benzine stain remover, lay the garment on a soft cloth and dab the stain; treat several times.
Dried grease stains: moisten with turpentine, lay the garment on a soft surface and dab the stain with the fingertips and a cotton cloth.
Rust: oxalic acid dissolved in hot water or a rust removing product used cold. Be careful with rust stains which are not recent since the cellulose structure will already have been damaged and the fabric tends to hole.
Mould stains: treat with bleach, rinse well (whites and fast coloureds only).
Grass: soap lightly and treat with bleach (whites and fast coloureds only).
Ball point pen and glue: moisten with acetone[1)], lay the garment on a soft cloth and dab the stain.
Lipstick: moisten with acetone as above, then treat stains with methylated spirits. Treat any residual marks with bleach.
Red wine: soak in water and detergent, rinse and treat with acetic or citric acid, then rinse. Treat any residual marks with bleach.
Ink: depending on the type of ink, moisten the fabric first with acetone[1)], then with acetic acid; treat any residual marks on white fabrics with bleach and then rinse thoroughly.

1) do not use acetone on artificial silk

Tar stains: first treat with stain remover, methylated spirits or benzine, then rub with detergent paste.

Detergents and additives

Good washing results also depend on the choice of detergent and use of the correct quantities to avoid waste and protect the environment.
Although biodegradable, detergents contain substances which, in large quantities, can upset the delicate balance of nature.
The choice of detergent will depend on the type of fabric (delicates, woollens, cottons, etc.), the colour, washing temperature and degree of soiling.
All commonly available washing machine detergents may be used in this appliance:

- powder detergents for all types of fabric
- powder detergents for delicate fabrics (60°C max) and woollens
- liquid detergents, preferably for low temperature wash programmes (60°C max) for all types of fabric, or special for woollens only.

The detergent and any additives must be placed in the appropriate compartments of the dispenser drawer before starting the wash programme.
If using liquid detergents, a programme **without** prewash must be selected.
Your appliance incorporates a recirculation system which allows an optimal use of the concentrated detergent.

Follow the product manufacturer's recommendations on quantities to use and do **not exceed the «MAX» mark in the detergent dispenser drawer**.

Degrees of water hardness

Water hardness is classified in so-called "degrees" of hardness. Information on hardness of the water in your area can be obtained from the relevant water supply company, or from your local authority.

A water softener must be added when water has a medium-high degree of hardness (from degree of hardness II). Follow the manufacturer's instructions. The quantity of detergent can then always be adjusted to degree of hardness I (= soft).

Level	Characteristic	Degrees of water hardness	
		German °dH	French °T.H.
1	soft	0-7	0-15
2	medium	8-14	16-25
3	hard	15-21	26-37
4	very hard	> 21	> 37

DRYING HINTS

Preparing the drying cycle

As a dryer, the appliance works on the condensation principle.
Therefore, the water tap must be open and the drain hose must drain water into a sink or into the drain pipe, even during the drying cycle.
Attention!
Before starting the drying programme, reduce the loads of washed laundry, in order to obtain good performances.

Laundry not suitable for drying

- Particularly delicate items such as synthetic curtains, woollen and silk, garments with metal inserts, nylon stockings, bulky garments such as anoraks, bed covers, quilts, sleeping bags and duvets must not be machine dried.
- Avoid drying dark clothes with light coloured fluffy items such as towels as these can attract the fluff.
- Remove the laundry when the appliance has finished drying.
- To avoid a static charge when drying is completed, use either a fabric softener when you are washing the laundry or a fabric conditioner specifically for tumble dryers.
- Garments padded with foam-rubber or materials similar to foam-rubber must not be machine dried; they represent a fire hazard.

- Also, fabrics containing residue of setting lotions or hair sprays, nail solvents or similar solutions must not be machine dried in order to avoid the formation of harmful vapours.

The detergent and any additives must be placed in the appropriate compartments of the dispenser drawer before starting the wash programme.
If using liquid detergents, a programme **without** prewash must be selected.
Your appliance incorporates a re-circulation system which allows an optimal use of the concentrated detergent.
Follow the product manufacturer's recommendations on quantities to use and do **not exceed the «MAX» mark in the detergent dispenser drawer**.

Garment labels

For drying, follow the indications given on the manufacturer's labels:

- = May be tumble dried
- = Drying at high temperature
- = Drying at reduced temperature
- = Do not tumble dry.

Drying cycle duration

The drying time may vary depending on:

- speed of the final spin
- dryness degree required (iron dry, store dry)
- type of laundry
- weight of the load size .

The average drying time for a timed drying are indicated in the «Drying programmes» chapter. The experience will help you to dry your laundry in a more suitable way, according to the different fabrics. Take note of the duration drying time of the already performed cycles.

Additional drying

If the laundry is still damp at the end of the drying programme, select a short drying cycle again.

⚠ **Warning! Do not over dry the laundry in order to avoid creasing of fabrics or garment's shrinking.**

CARE AND CLEANING

⚠ **Warning!** You must disconnect the appliance from the electricity supply, before you can carry out any cleaning or maintenance work.

Descaling

The water we use normally contains lime. It is a good idea to periodically use a water softening powder in the machine. Do this separately from any laundry washing, and according to the softening powder manufacturer's instructions. This will help to prevent the formation of lime deposits.

After each wash

Leave the door open for a while. This helps to prevent mould and stagnant smells forming inside the appliance. Keeping the door open after a wash will also help to preserve the door seal.

Maintenance wash

With the use of low temperature washes it is possible to get a build up of residues inside the drum.
We recommend that a maintenance wash be performed on a regular basis.

To run a maintenance wash:

- The drum should be empty of laundry.
- Select the hottest cotton wash programme.
- Use a normal measure of detergent, must be a powder with biological properties.

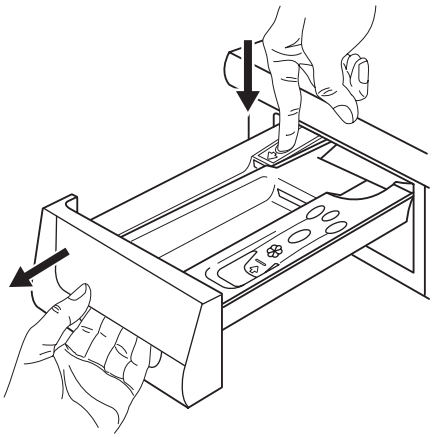
External cleaning

Clean the exterior cabinet of the appliance with soap and water only, and then dry thoroughly.

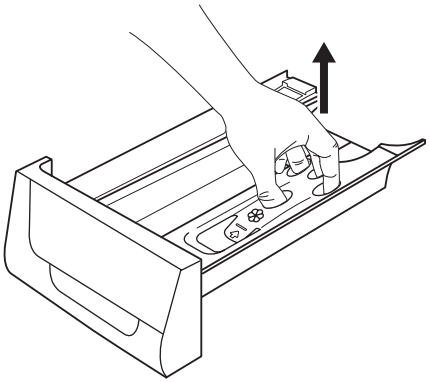
Important! Do not use methylated spirits, solvents or similar products to clean the cabinet.

Cleaning the dispenser drawer

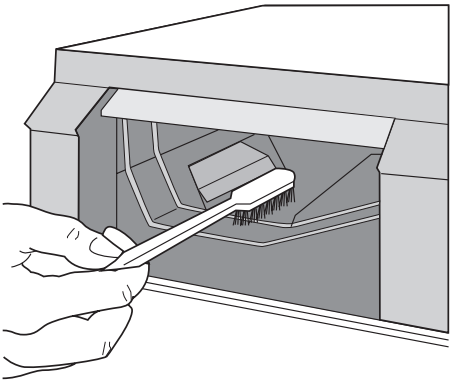
The detergent dispenser drawer should be cleaned regularly.
The washing powder and additive dispenser drawer should be cleaned regularly.
Remove the drawer by pressing the catch downwards and by pulling it out.



Flush it out under a tap, to remove any traces of accumulated powder.
To aid cleaning, the top part of the additive compartment should be removed. Clean all parts with water.



Clean the chamber of dispenser drawer with a brush.



Washing drum

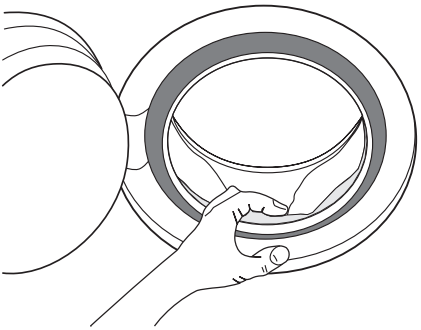
Rust deposits in the drum may occur due to rusting foreign bodies in the washing or tap water containing iron.

Important! Do not clean the drum with acidic descaling agents, scouring agents containing chlorine or iron or steel wool.

1. Remove any rust deposits on the drum with a cleaning agent for stainless steel.
2. Run a washing cycle without any washing to clean off any cleaning agent residues.
   Programme: Short Cotton Programme at maximum temperature and add approx. 1/4 measuring cup of detergent.

Door seal

Check from time to time the door seal and eliminate eventual possible objects that could be trapped in the fold.



Drain pump

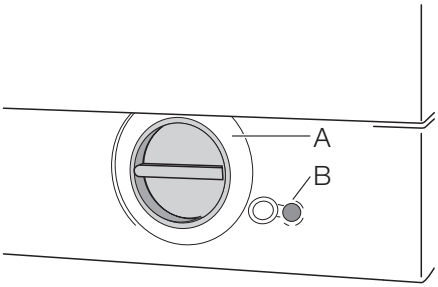
The pump should be inspected regularly and particularly if:

- the appliance does not empty and/or spin;
- the appliance makes an unusual noise during draining due to objects such as safety pins, coins etc. blocking the pump;
- a problem with water draining is detected (see chapter “What to do if...” for more details).

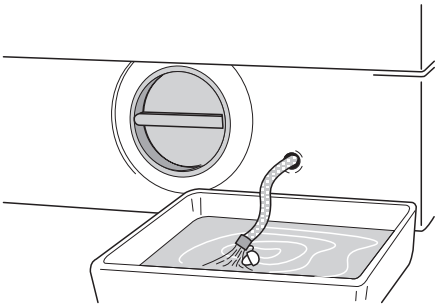
⚠ **Warning!** Before unscrewing the pump cover, switch the appliance off and remove the mains plug from the socket.

Proceed as follows:

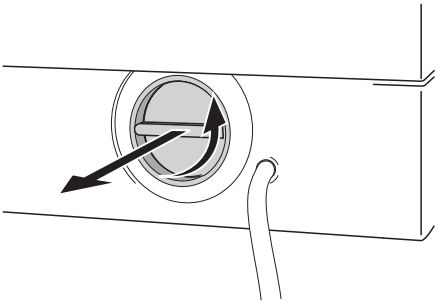
1. Unplug the appliance.
2. If it is necessary, wait until the water has cooled down.



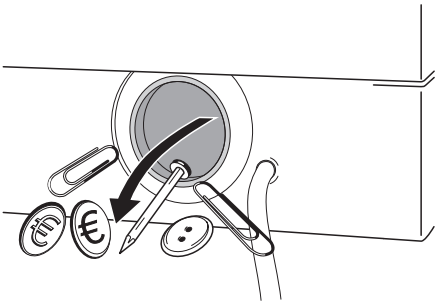
3. Place a container close to the pump to collect any spillage.
4. Release the emergency emptying hose (**B**), place it in the container and remove its cap cover

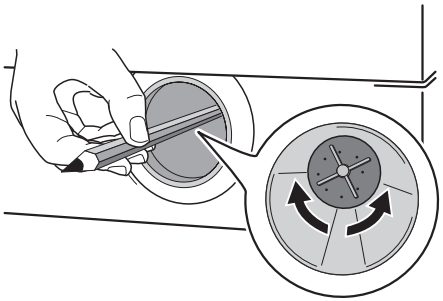


5. When no more water comes out, unscrew the pump cover (**A**) by turning it anti-clockwise and remove the filter. Use pliers, if necessary. Always keep a rag nearby to dry up any water spillages when removing the cover.
   Clean the filter under a tap, to remove any traces of fluff.

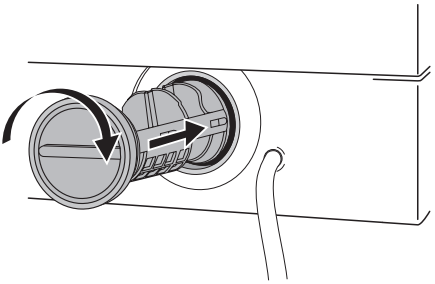


6. Remove foreign bodies and fluff from the filter seat and from the pump impeller.
   Check carefully whether the pump impeller rotates (it rotates jerkily). If it doesn’t rotate, please contact your Service Centre.





7. Put the cap back on the emergency emptying hose and place the latter back in its seat.
8. Replace the filter into the pump by inserting it correctly into the special guides. Screw the pump cover firmly by turning it clockwise.

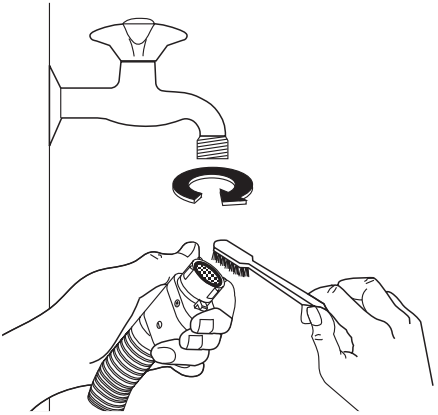


Warning!

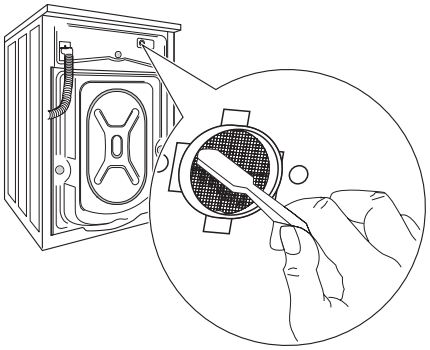
When the appliance is in use and depending on the programme selected there can be hot water in the pump.
Never remove the pump cover during a wash cycle, always wait until the appliance has finished the cycle, and is empty. When refitting the pump cover, ensure it is securely retightened so as to stop leaks and young children being able to remove it.

Cleaning the water inlet filters

If you notice that the machine is taking longer to fill, check that the filter in the water inlet hose is not blocked.
1. Turn off the water tap.
2. Unscrew the water inlet hose.
3. Clean the filter in the hose using a hard bristle brush.



4. Screw the hose back onto the tap.
5. Unscrew the hose from the machine. Keep a rug nearby because some water may flow.
6. Clean the filter in the valve with a stiff brush or with the piece of cloth.



7. Screw the hose back to the machine and make sure the connection is tight.
8. Turn on the water tap.

Frost precautions

If the machine is installed in a place where the temperature could drop below 0°C, proceed as follows:
1. Turn off the water tap.
2. Unscrew the inlet hose.

3. Place the end of the emergency emptying hose and that of the inlet hose in a bowl placed on the floor and let water drain out.
4. Screw the water inlet hose back on and reposition the emergency emptying hose after having put the cap on again.
5. When you intend to start the machine up again, make sure that the room temperature is above 0°C.

Emergency emptying out

If the water is not discharged, proceed as follows to empty out the machine:

1. pull out the plug from the power socket;
2. close the water tap;
3. if necessary, wait until the water has cooled down;
4. place a bowl on the floor and place the end of the emergency emptying hose into the bowl. Remove its cap. The water should drain by gravity into the bowl. When the bowl is full, put the cap back on the hose. Empty the bowl. Repeat the procedure until water stops flowing out;
5. clean the pump if necessary as previously described;
6. replace the emergency emptying hose in its seat after having plugged it;
7. screw the pump again.

Important! Every time you drain the water through the emergency emptying hose you must pour 2 litres of water into the main wash compartment of the detergent drawer and then run the drain programme. This will activate the **ECO Valve** device avoiding that part of the detergent remains unused at next washing.

WHAT TO DO IF...

Certain problems are due to lack of simple maintenance or oversights, which can be solved easily without calling out an engineer. Before contacting your local Service Centre, please carry out the checks listed below.

During machine operation it is possible that the **red** pilot light of button **8** blinks, one of the following alarm codes appears on the display and some acoustic signals sound every 20 seconds to indicate that the machine is not working:

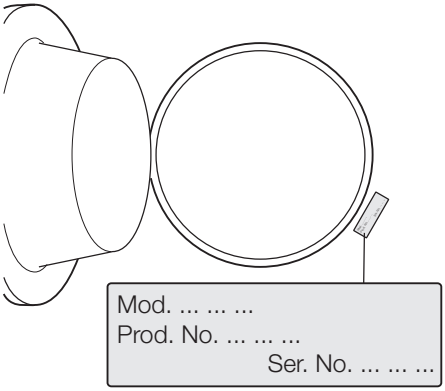
- E10 : problem with the water supply.
- E20 : problem with the water draining.
- E40 : door open.

Once the problem has been eliminated, press the button **8** to restart the programme. If after all checks, the problem persists, contact your local Service Centre.

Problem	Possible cause/Solution
The machine does not start:	The door has not been closed. **E40** • Close the door firmly. The plug is not properly inserted in the power socket. • Insert the plug into the power socket. There is no power at the socket. • Please check your domestic electrical installation. The main fuse has blown. • Replace the fuse. The selector dial is not correctly positioned and the button **8** has not been pressed. • Please turn the selector dial and press the button **8** again. The delay start has been selected. • If the laundry are to be washed immediately, cancel the delay start. The Child Safety Lock has been activated. • Deactivate the Child Safety Lock.
The machine does not fill:	The water tap is closed. **E10** • Open the water tap. The inlet hose is squashed or kinked. **E10** • Check the inlet hose connection. The filter in the inlet hose is blocked. **E10** • Clean the water inlet hose filter. The door is not properly closed. **E40** • Close the door firmly.
The machine does not empty and/or does not spin:	The drain hose is squashed or kinked. **E20** • Check the drain hose connection. The drain filter is clogged. **E20** • Clean the drain filter. An option or a programme that ends with the water still in the tub or a that eliminates all the spinning phases has been selected. • Select the draining or spinning programme. The laundry is not evenly distributed in the drum. • Redistribute the laundry.
There is water on the floor:	Too much detergent or unsuitable detergent (creates too much foam) has been used. • Reduce the detergent quantity or use another one. Check whether there are any leaks from one of the inlet hose fittings. It is not always easy to see this as the water runs down the hose; check to see if it is damp. • Check the water inlet hose connection. The drain or inlet hose is damaged. • Change it with a new one. The cap on the emergency emptying hose has not been replaced or the filter has not been properly screwed in after cleaning action. • Refit the cap on the emergency emptying hose or screw the filter fully in.
Unsatisfactory washing results:	Too little detergent or unsuitable detergent has been used. • Increase the detergent quantity or use another one. Stubborn stains have not been treated prior to washing. • Use commercial products to treat the stubborn stains. The correct temperature was not selected. • Check if you have selected the correct temperature. Excessive laundry load. • Reduce the laundry load.

Problem	Possible cause/Solution
The door will not open:	The programme is still running. • Wait the end of washing cycle. The door lock has not been released. • Wait until the pilot light **9** goes off. There is water in the drum. • Select drain or spin programme to empty out the water.
The machine vibrates is noisy:	The transit bolts and packing have not been removed. • Check the correct installation of the appliance. The support feet have not been adjusted • Check the correct levelling of the appliance. The laundry is not evenly distributed in the drum. • Redistribute the laundry. Maybe there is very little laundry in the drum. • Load more laundry.
Spinning starts late or the machine does not spin:	The electronic unbalance detection device has cut in because the laundry is not evenly distributed in the drum. The laundry is redistributed by reverse rotation of the drum. This may happen several times before the unbalance disappears and normal spinning can resume. If, after 10 minutes, the laundry is still not evenly distributed in the drum, the machine will not spin. In this case,redistribute the load manually and select the spin programme. • Redistribute the laundry. The load is too small. • Add more items, redistribute the load manually and then select the spinning programme.
The machine does not dry or does not dry properly:	The drying time has not been selected. • Select the drying time. The water tap is not turned on. (E10) • Open the water tap. The drain filter is clogged. (E20) • Clean the drain filter. The machine is overloaded. • Reduce the laundry load. The selected drying time was not suitable for the laundry. • Select the suitable drying time for the laundry.
The machine makes an unusual noise:	The machine is fitted with a type of motor which makes an unusual noise compared with other traditional motors. This new motor ensures a softer start and more even distribution of the laundry in the drum when spinning, as well as increased stability of the machine.
No water is visible in the drum:	Machines based on modern technology operate very economically using very little water without affecting performance.

If you are unable to identify or solve the problem, contact our service centre. Before telephoning, make a note of the model, serial number and purchase date of your machine: the Service Centre will require this information.



TECHNICAL DATA

Dimensions	Width Height Depth	60 cm 82 cm 54 cm
Electrical connection Voltage - Overall power - Fuse	Information on the electrical connection is given on the rating plate, on the inner edge of the appliance door.	
Water Supply Pressure	Minimum Maximum	0,05 MPa 0,8 MPa
Maximum Load	Cotton	6 kg
Maximum Dry Load	Cotton Cotton Big Capacity Synthetic	3 Kg 4 Kg 2 Kg
Spin Speed	Maximum	1400 rpm

CONSUMPTION VALUES

Programme	Energy consumption (KWh)	Water consumption (litres)	Programme duration (Minutes)
White Cottons 90°	2.1	57	**For the duration of the programmes, please refer to the display on the control panel.**
Cottons 60°	1.2	53	
Cotton Energy Saving Programme 60° [1]	1.02	42	
Cottons 40°	0.7	53	
Synthetics 40°	0.5	40	
Delicates 40°	0.55	56	
Wool/ Handwash 30°	0.25	58	

1) «Cotton Energy Saving programme » at 60°C with a load of 6 kg is the reference programme for the data entered in the energy label, in compliance with EEC 92/75 standards.

The consumption data shown on this chart is to be considered purely indicative, as it may vary depending on the quantity and type of laundry, on the inlet water temperature and on the ambient temperature.

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